

IN THE CLAIMS:

Claims 13-21 are pending in this application. Please cancel claims 1-12 without prejudice or disclaimer, amend claims 13, 16, and 19 as follows:

1-12. (Canceled)

13. (Currently Amended) A smart card system for managing an initial issuance and a re-issuance of an IC card comprising a data processing unit in an integrated circuit, a memory, and a terminal connected to a network, comprising:

a smart card issuance/~~management~~ system configured to perform issuance and management of a smart card; and

a smart card service providing/~~managing~~ system configured to perform issuance and management of an application loaded on the smart card, wherein

the smart card issuance/~~management~~ system and the smart card service providing/~~managing~~ system are operatively connected to each other through a network such that information exchange is achieved by transmitting and receiving electronic messages through the network,

each of the electronic messages, which is exchanged between the smart card issuance/~~management~~ system and smart card service providing/~~managing~~ system, is uniquely identified using a message ID,

data of the smart card issuance/~~management~~ system and the smart card service providing/~~managing~~ system is stored using the message ID as a key, and

the information exchange between the smart card issuance/~~management~~ system and the smart card service providing/~~managing~~ system includes communication through the network connections wherein

at the time of initial issuance of the smart card, the smart card issuance/~~management~~ system ~~sending~~ sends an application loading permission ~~which permits to~~ the smart card service providing/~~management~~ system to ~~load~~ permit loading an application into the smart card through a terminal,

at the time of the initial issuance of the smart card, the smart card service providing/~~managing~~ system sends the application loading permission and the application to the smart card and loads the application ~~[[in]]~~ into the smart card through the terminal, and

at the time of the reissuance of the smart card, the smart card service providing/~~managing~~ system ~~receive the~~ receives card attribute data from the smart card, which can be identified only by the card issuer, ~~from the smart card~~, sends the card attribute ~~information data~~ and an application ID of the application to the smart card issuance/~~management~~ system, the smart card issuance/~~management~~ system searches the message ID which was used when the smart ~~[[the]]~~ card issuance/~~management~~ system sent the application loading permission for loading the application to the smart card using the sent card attribute ~~information data~~, which identifies the card attribute data identifying the smart card service providing system, and sends the message ID ~~which was~~ to the smart card service providing system, the message ID having been used when the smart ~~[[the]]~~ card issuance/~~management~~ system sent the application loading permission for loading the application to the smart card, ~~to the smart card service providing/managing system~~, and

the smart card service providing/~~managing~~ system searches an examination result of permission for loading the application at the time of initial loading application using the message ID as the key and loads the application into the smart card through the terminal based on the examination result of permission.

14. (Previously Presented) The IC card system according to claim 13, wherein the message ID is at least one of a company identification data of the card issuer, a company identification data of the service provider, and a sequence number of the electric message in combination.
15. (Previously Presented) The IC card system according to claim 13, wherein the card attribute data is a card ID encrypted using a card issuer's own public key.
16. (Currently Amended) A smart card issuance/~~management~~ system configured to perform issuance and management of a smart card, the smart card comprising a data processing unit in an integrated circuit, a memory, and a terminal connected to a network and configured to connect to a smart card service providing/~~managing~~ system through a network, wherein information exchange is achieved by transmitting and receiving electronic messages through the network;

each of the electronic messages, which is exchanged between the smart card issuance/~~management~~ system and smart card service providing/~~managing~~ system, is uniquely identified using a message ID;

data of the smart card issuance/~~management~~ system and the smart card service providing/~~managing~~ system is stored using the message ID as a key;

at the time of initial issuance of the smart card, the smart card issuance/~~management~~ system sends an application loading permission to the smart card service providing system ~~which permits the smart card service providing/management system to load~~ to permit loading an application into the smart card through a terminal, and

at the time of initial issuance of the smart card, the smart card issuance/~~management~~ system searches a message ID which was used ~~as a key~~ when the smart card issuance/~~management~~ system sent the application loading permission for loading the application to the smart card, ~~[[of]]~~ the application loading permission using card attribute data~~[[.]]~~ which identifies the smart card and can be identified only by the card issuer, ~~[[as a key.]]~~ and sends the message ID of the application loading permission using the card attribute data, ~~which was the message ID being used~~ when the smart card issuance/~~management~~ system sent the application loading permission for loading the application to the smart card through the terminal.

17. (Previously Presented) The smart card issuance/management system according to claim 16, wherein the message ID is at least one of a company identification data of the card issuer, a company identification data of the service provider, and a sequence number of the electric message in combination.
18. (Previously Presented) The smart card issuance/management system according to claim 16, wherein the card attribute information is a card ID encrypted using the card issuer's own public key.
19. (Currently Amended) A smart card service providing/managing system configured to perform issuance and management of a smart card, the smart card comprising a data processing unit in an integrated circuit, a memory, and a terminal connected to a network, and configured to ~~connected~~ connect to an IC card service

issuance/~~management~~ system configured to ~~performed~~ perform issuance and management of an application loaded on the smart card, through ~~[[the]]~~ a network, wherein

information exchange is achieved by transmitting and receiving electronic ~~message~~ messages through the network;

each of the electric messages, which is exchanged between the smart card issuance/~~management~~ system and smart card service providing/~~managing~~ system, is uniquely identified using a message ID;

~~[[the]]~~ data of the smart card issuance/~~management~~ system and the smart card service providing/~~managing~~ system is stored using the message ID as a key;

at the time of initial issuance of the smart card, the smart card service providing/~~managing~~ system receives an application loading permission from the smart card issuance/~~management~~ system, which permits the smart card service providing/~~management~~ system to load an application into the smart card, and loads the application to the smart card through a terminal; and

at the time of reissuance of the smart card, the service providing/~~managing~~ system receives ~~[[the]]~~ card attribute data from the smart card, which can be identified only by the card issuer, ~~from the smart card which identified and which identifies the smart card~~, sends the card attribute data and an application ID of the application, receives the message ID of the application loading permission, which ~~[[was]]~~ is used when the smart card issuance/~~management~~ system ~~sent~~ sends the application loading permission for loading the application to the smart card, ~~[[and]]~~ searches an examination result of permission for loading the application at the time of initial loading application using the message ID as the key and loads the application into the smart through the terminal based on the examination result of permission.

20. (Previously Presented) The smart card service providing/~~managing~~ system according to claim 19, wherein the message ID is at least one of a company identification data of the card issuer, a company identification data of the service provider, and a sequence number of the electric message in combination.

21. (Previously Presented) The smart card service providing/managing system according to claim 19, wherein the card attribute information is a card ID encrypted using the card issuer's own public key.